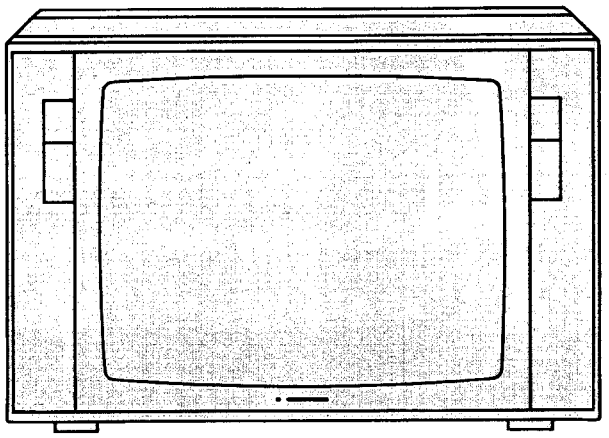
BLAU-02385

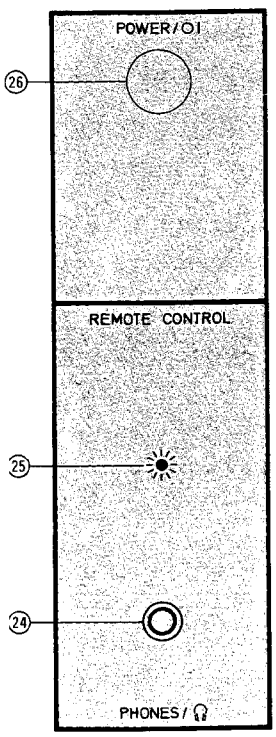
BLAUPUNKT

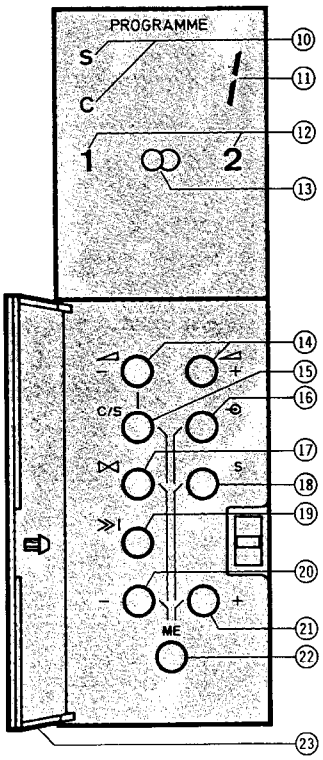
TV

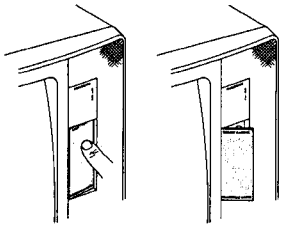
IS 63 – 39 VT	7 669 501
IS 63 – 39 VT NICAM	7 669 513
IS 70 – 39 VT	7 669 801
IS 70 – 39 VT NICAM	7 669 813

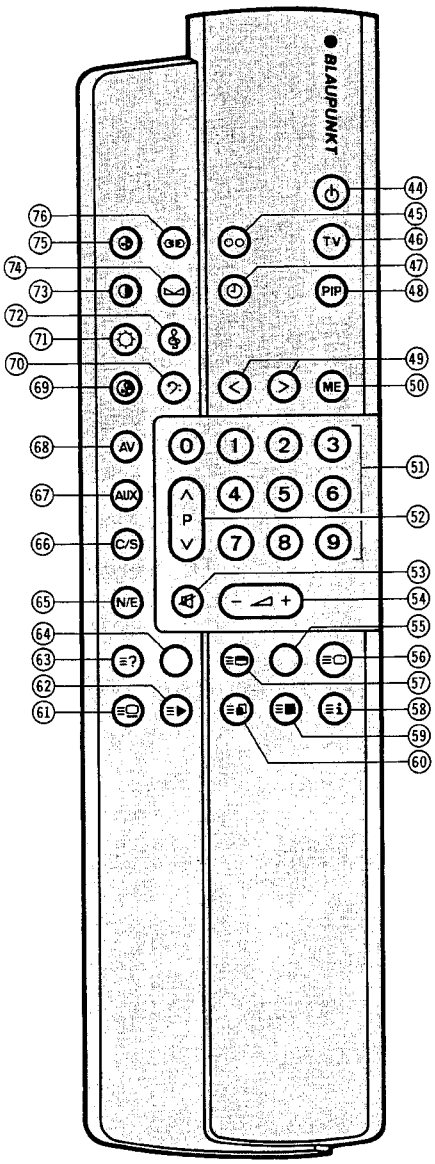


Operating Instructions


POWER/⏻
REMOTE CONTROL
PHONES/🎧
26
25
24


PROGRAMME
S
C
1
2
C/S
S
ME
10
11
12
13
14
15
16
17
18
19
20
21
22
23




BLAUPUNKT
TV
PIP
ME
AV
AUX
C/S
N/E
P
0
1
2
3
4
5
6
7
8
9
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76

English

Contents	Page
Control elements and indicators	20
Connector	22
Setting up and connecting	23
TV operation	
Operating the major functions via remote control	24
Operating the major functions on the set	25
Storing TV stations	26
Fine tuning of the stations	27
Video recorder operation via Euro-AV jack	28
Decoding of coded programs	28
Video recorder operation via antenna jack	29
Headphones connector	29
Videotext mode	
Important note	30
Switching to videotext mode	31
Selecting the pages	31
Videotext pages with subpages	31
TV in videotext mode	32
Revealing answers	32
Double letter size	32
Information display on the screen	32

Technical Data

Power consumption:	110 Wh
Receiving areas:	VHF I, channels 2–4 and S1 VHF III, channels 5–12 and S2–S41 UHF, channels 21–69
TV standards:	B/G standard (European standard), color standard PAL B/G standard (European standard), color standard Secam
Audio output stages:	2 x 15 W (music power)
Loudspeaker impedance:	4 Ω
Headphones impedance:	4 . . . 600 Ω

Control elements and indicators on the unit

⑩ **Indicators C, S**
C = for channel
S = for special channel

⑪ **Indicator**
Program site, channel

⑫ **Indicators 1 or 2**
Two-channel sound

⑬ **Indicator** ◌
Stereo sound

⑭ **Buttons** ◿ **–/+**
Volume

⑮ **Button C/S**
Switches from program site indication to channel indication and vice versa

⑯ **Button** ⊖
Switches program sites to AV reproduction

⑰ **Preset button** ⋈
Fine tuning, use buttons + ㉑ or – ⑳ to change the fine tuning

⑱ **Preset button S**
No function, assigned for future functions

⑲ **Button** ≫I
Starts station search tuning

⑳ **Button –**
Changes preset functions

㉑ **Button +**
Changes preset functions

㉒ **ME button**
Memory button, for storing channel tuning, fine tuning and standard values of picture and sound

㉓ **Cover flap**
Press to open

㉔ **Jack PHONES/** 🎧
Jack plug (6.3 ∅) for headphones (4–600 Ω)

㉕ **Indicator**
Lights up as long as the mains switch ㉖ is kept depressed.

㉖ **POWER/**○**I**
Mains switch

Control elements of the remote control

㊹ **Button** ⏻
Switching on, the unit remains in stand-by mode

㊺ **Button** ○○
During emission with two-channel sound it switches from sound channel 1 to sound channel 2 and vice versa

㊻ **Button TV**
Switches the unit from videotext mode to TV mode

㊼ **Button** ⏲
Fades the time in and out

㊽ **Button PIP**
Only a few remote controls feature this button.
No function.

㊾ **Button** <=>
Changes the preset functions

㊿ **Button ME**
Memory button

(51) **Buttons 0 ... 9**
For selecting program sites,
for switching the unit on from stand-by mode,
for direct channel entry,
for selecting the page numbers in videotext mode

(52) **Button P** ∧ **or** ∨
Switching to other program sites, forwards and backwards

(53) **Button** 🔇
For switching the sound off and on

(54) **Button –** ◿ **+**
Volume

(55) **No function**

(56) **Button** ≡ ▢
For switching the unit from TV mode to videotext mode

(57) **Button** ≡ ⬭
Larger letter size

(58) **Button** ≡ **i**
For selecting the index, page 100

⑲ **Button ≡ ■**
STOP. The contents of this page will no longer be updated, subpages are no longer selected. By pressing this button again "STOP" can be deactivated.

⑳ **Button ≡**
Subpages can be selected precisely.

㉑ **Button ≡**
The TV picture appears although the set is still in videotext mode. Videotext reappears when the button is pressed again.

㉒ **Button ≡ ▶**
Selects the next following page number (page + 1)

㉓ **Button ≡ ?**
For revealing quiz answers.
The answer disappears when the button is pressed again

㉔ **No function**

㉕ **Button N/E**
For activating the stored individual standard values for sound and picture and for storing TV stations.

㉖ **Button C/S**
For switching indicator ⑩.

㉗ **Button AUX**
No function

㉘ **Button AV**

㉙ **Button** – color intensity

㉚ **Button** – bass

㉛ **Button** – brightness

㉜ **Button** – treble

㉝ **Button** – contrast

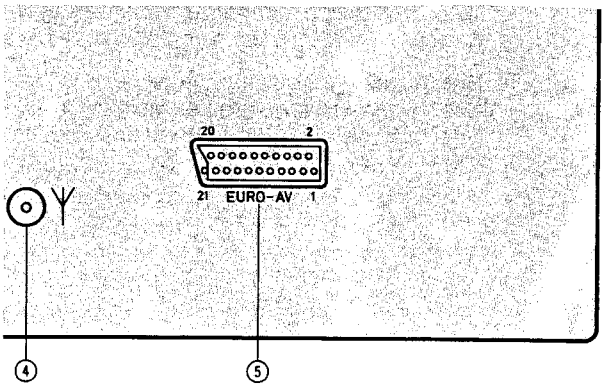
㉞ **Button** – balance

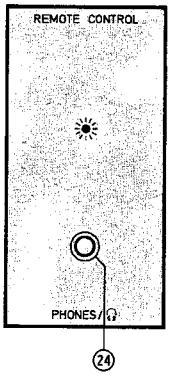
㉟ **Button** – TINT (no function)

Buttons ㉙ ... ㉟ are preset buttons. They are used to determine which function is to be changed.
Button <=> ㊾ is used to effect the changes.

㊱ **Button**
Base extension for stereo emissions
Stereophonic sound for mono emissions

Connectors





④ **Antenna jack**

⑤ **Euro-AV jack** – Inputs/outputs for audio and video signals, e.g. video recorder.
Inputs for RGB signals.
Outputs for audio signals, e.g. tape deck or stereo system.

Terminals:

1 = output audio signal, right channel
2 = input audio signal, right channel
3 = output audio signal, left channel
4 = ground
5 = ground blue
6 = input audio signal, left channel
7 = input blue
8 = input for switching voltage (12 V during reproduction, otherwise 0 V)
9 = ground green
10 = free
11 = input green
12 = free
13 = ground red
14 = free
15 = input red
16 = input blanking
17 = ground video
18 = ground blanking
19 = output video signal
20 = input video signal, input sync. signal in RGB mode
21 = plug ground

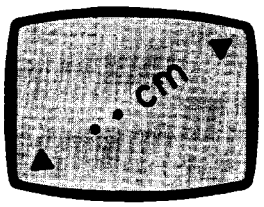
㉔ **Jack** – Connector for headphones (impedance 4 ... 600 Ω)

Setting up and connecting

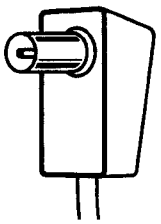
When **setting up** your set, please make sure that no bright light or sunshine can fall on the screen, as this may cause the colors to become pale and the picture to lose its brilliancy.

Please make sure that air circulation for cooling the set will not be impeded. Do not place the set next to a radiator and ascertain that the air vents on the rear are not covered.

When deciding where to place the TV set, please keep in mind that the **viewing distance** is important for a good picture perception and eye comfort. The ideal viewing distance depends on the size of the screen measured between two opposing corners (diagonal); see illustration. Multiply the screen diagonal by five to find out the ideal viewing distance.



The set is **connected** to the **home antenna** via the antenna jack on the rear. The antenna cable must be equipped with a DIN plug (DIN 45325).

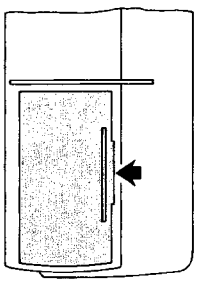


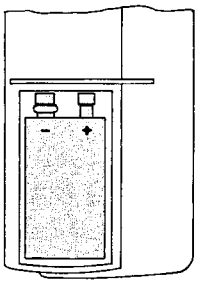
If you wish to **connect a video recorder,** fitted with a receiver part, the home antenna must be connected to the antenna input of the video recorder and the TV set must be connected to the antenna output of the video recorder.

Connect the set to a **220 V socket.**
Deviations of ± 10% are permissible.

Inserting the battery

In case the transmission range of the remote control decreases, probably the battery has to be replaced.





⚠ **Safeguard your environment!**
Empty batteries don't belong into the household garbage.

To clean the cabinet, please use a moist cloth only.

Do not use any aggressive cleaners.
Please use a moist chamois cloth for the screen.

Operating the major functions via remote control

For **switching the TV set on,** press button ○I ㉖. In the display ⑪ appears. This means program site 1 and the channel which is stored on program site 1 appears.

For this stations have to be stored in the TV set. If no stations have been stored yet, please refer to "Storing TV stations". See two pages ahead.

Normally button ○I ㉖ **remains pressed in,** enabling you to **switch** the TV set **on and off** via the **remote control.**

For switching off press button ○㊹, switch the set on by pressing one of the digital buttons ㊶.

Please remember that the set will switch off automatically 10 minutes after broadcasting has ended.

If you do not intend to use your TV set for a longer period of time (e.g. on vacation), turn the unit off by pressing button ○I ㉖.

The unit is equipped with **49 program sites.**

You **select a TV station** by entering, via the digital buttons ㊶, the number of the program site on which the station is stored.

For all program sites **1–9** press the corresponding digital buttons **1–9.**

You can get access to the program sites **10–49,** by entering, via the digital buttons ㊶, first the decimal digit of the program site and within the next 3 seconds the units digit.

In case the program places **10–49** cannot be switched on proceed as follows:
Switch the unit off (power switch ㉖).
Press and hold button **ME** and switch the TV on again.

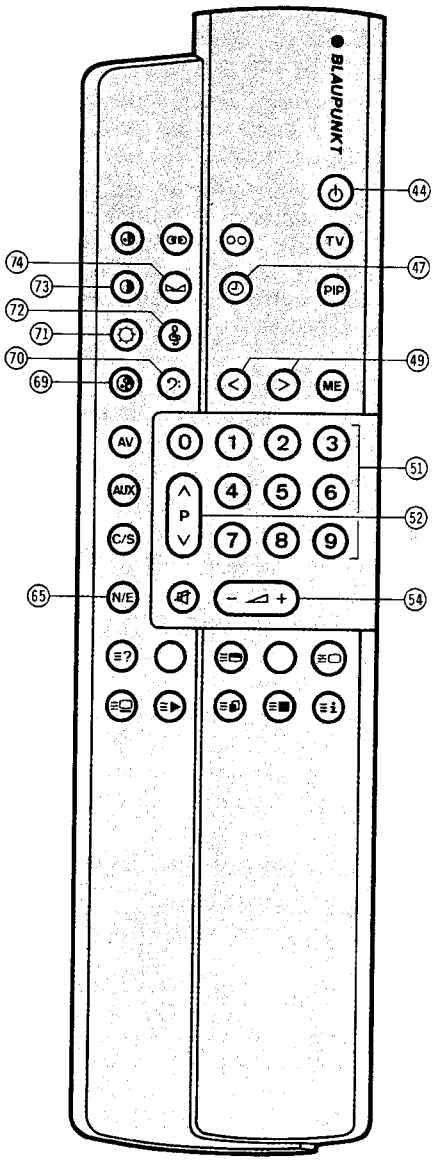
By means of button **P** ㊷ you can scan one program site after the other, forwards and backwards.

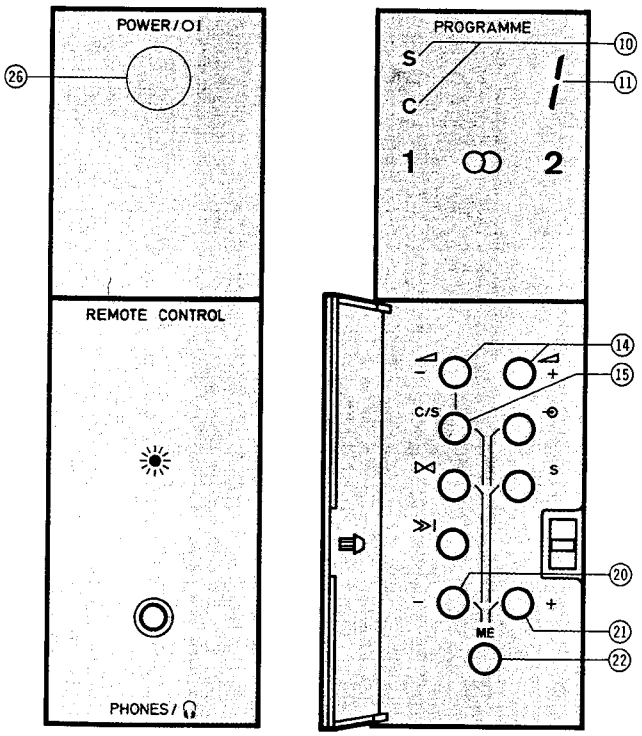
Control the **volume** by using button ◿ ㊹ – or +.

Control the **contrast** by first pressing preset button ◑ ㊸ and immediately afterwards button <=> ㊾.
< = less, > = more.

Control the **brightness** by first pressing preset button ☼ ㊶, and immediately afterwards button <=> ㊾.
< = less, > = more.

Control the **color intensity** by first pressing the preset button ✪ ㊾ and immediately afterwards button <=> ㊾.
< = less, > = more.





Control the **balance** by first pressing the preset button ⑦④ and immediately afterwards button <=> ④⑨.

Control **treble** by first pressing preset button ⑦② and immediately afterwards button <=> ④⑨.
< = less, > = more.

Control **bass** by first pressing preset button ⑦⓪ and immediately afterwards button <=> ④⑨.
< = less, > = more.

For all these adjustments **standard values** are stored **ex factory.** Picture and sound are reproduced with these standard values
- after switching on or
- when button **N/E** ⑥⑤ is pressed.

You can change these **standard values** by modifying them according to your personal wishes. Then press button **ME** ② in order to store these new values.

You can **switch the sound off,** for example if you wish to make a phone call, by pressing button ⑤③ . When the button is pressed again the sound will return.

Thanks to the videotext decoder you can **fade-in the time** on the screen. For this the station which the set is receiving at the given moment must emit videotext.

Press button ④⑦ and the time will be displayed in the right-hand corner of the screen.
The time appears when the button is pressed again.
It also disappears automatically when you switch to another program.

Operating the major functions on the set

You can **select a program site** by first using button **C/S** ⑮ to switch the indicators ⑩ **C** or **S** off and then using buttons + ⑳ or – ㉑ to switch to the program site.

Control the **volume** by pressing button – or + ⑭.

Storing TV stations

TV stations may be **stored** in **two ways.**

- using search tuning, if you do not know the channels
- using direct channel input, if you know the channels

Storing by means of search tuning (via remote control)

Use buttons **P** ∧ or ∨ ㊷ to choose the program site to which the TV station is to be allocated.

Use button **C/S** ㊻ to switch to indicator **C** ⑩.
Use buttons **P** ∧ or ∨ ㊷ to start the station search tuning.

The station search scans automatically all channels for stations. The channels appear in the display ⑪.

The station search stops each time a station has been found. Press buttons **P** ∧ or ∨ ㊷ again in order to continue the station search tuning until the desired station will appear on the screen.

If you wish to store the station press button **ME** ㊿ and then button **N/E** ㊺.

In this way you can store TV stations on all program sites.

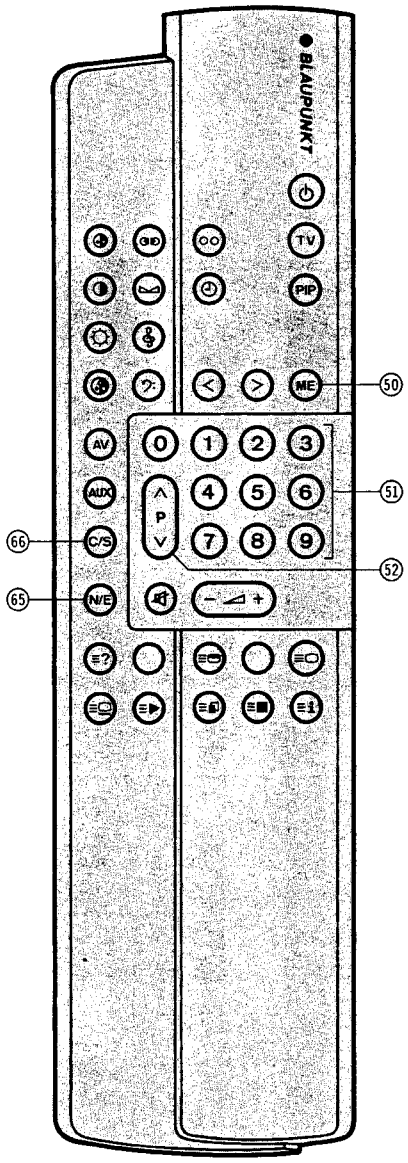
Please refer to "Fine tuning" on the next page.

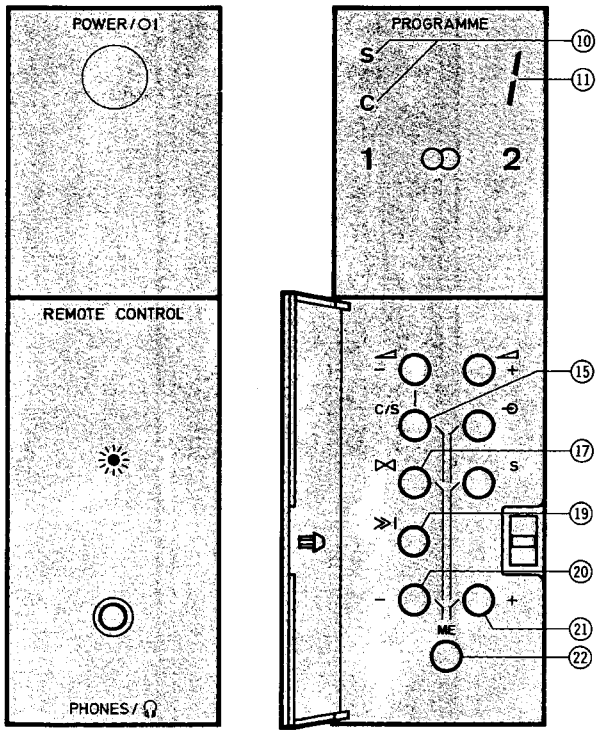
Storing by means of direct channel input (via remote control)

Use buttons **P** ∧ or ∨ ㊷ to choose the program site to which a TV station is to be allocated.

Use button **C/S** ㊻ to switch to indicators **C** or **S** ⑩.
C for standard channels (2–4, 5–12, 21–69)
S for special channels, i.e. channels of cable networks (S1–S41).

Now enter the channel by means of the digital buttons ㊶.
A channel must always be entered with two digits.
For example: For channel 8 enter 0 and 8. The display indicates 08.
If you wish to store the station, press button **ME** ㊿ and button **N/E** ㊺.
In this way you can store TV stations on all program sites.
Please refer to "Fine tuning" on the next page.





Storing by means of station search tuning (on the set)

Use buttons – ⑳ or + ㉑ to select the program site on which the TV station is to be stored.

Use button **C/S** ⑮ to switch to indicator **C** ⑩.
Use button ≫I ⑲ to switch the station search tuning on, then use buttons + ㉑ or – ⑳ to start station search tuning.

The station search automatically scans all channels for stations. The channels appear in the display ⑪.

The station search stops each time a station has been found. Press buttons + ㉑ or – ⑳ to continue the search tuning until the desired station will appear on the screen.

If you wish to store the station press button **ME** ㉒.
In this way you can allocate TV stations to all program sites.

Storing using direct channel input (on the set)

Use buttons – ⑳ or + ㉑ to choose the program site to which a TV station is to be allocated.

Use button **C/S** ⑮ to switch to indicators **C** or **S** ⑩.
C for standard channels (2–4, 5–12, 21–69).
S for special channels, i.e. channels of cable networks (S1–S41).

Use buttons – ⑳ or + ㉑ to choose the channel and then press button **ME** ㉒ to store it.

In the same way TV stations can be allocated to all program sites.

Fine tuning of the stations

Normally the TV stations are adjusted by means of an **automatic tuning facility.**

If **reception is poor,** you may **readjust the adjustment** in order to improve the picture.

Press button **C/S** ⑮.
The display ⑩ indicates **C** or **S.**

Press button ⋈ ⑰ momentarily, and then the + button ㉑ for a few seconds. If the picture is not improved, press the – button ⑳ until you receive the best picture.
After having obtained the optimum adjustment press the **ME** button ㉒ **within the next 5 seconds.**

The adjusted fine tuning is now stored.

Video recorder operation via Euro-AV jack

A video recorder may also be connected via the Euro-AV jack provided that the video recorder is equipped with connectors for picture and sound signals.

Kindly ask your dealer which cable will be necessary to connect your video recorder to this TV set.

In order to permit "video recorder playback via the Euro-AV jack", you should select program site AV.
Press button **AV** ⑱. The display indicates "AV". Now you can start the video recorder.

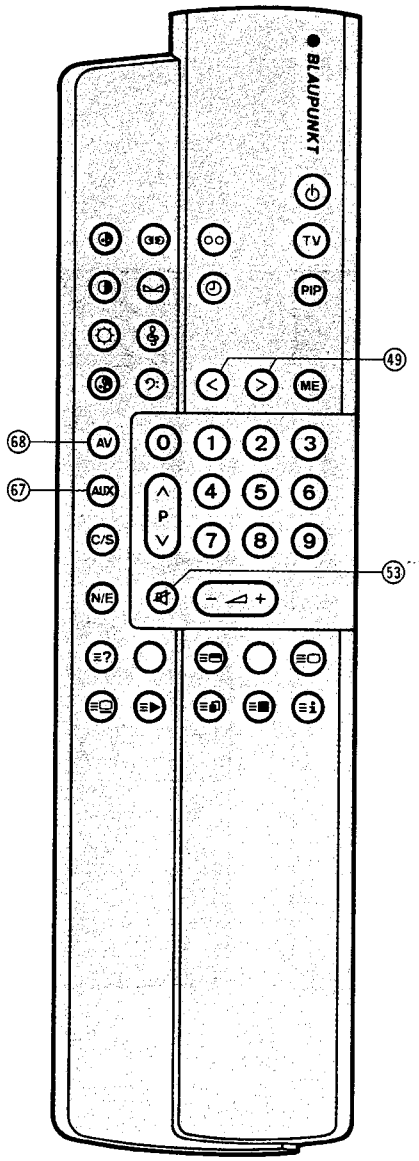
Decoding of coded programs

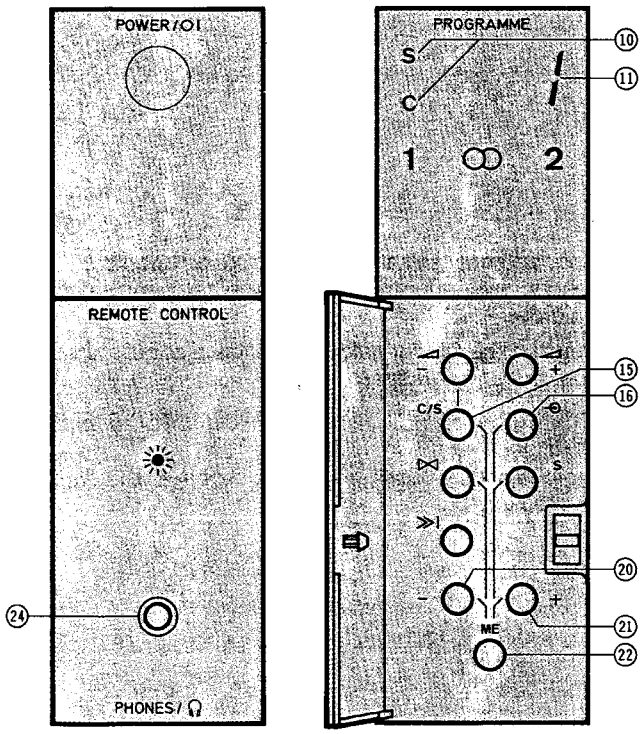
Stations transmitting coded programs from time to time can be fed into cable TV systems. These stations are subject to charges. They can be decoded by means of an automatic decoder. The decoder must be connected to the Euro-AV jack of the TV. As soon as the decoder recives a coded program it is activated and thus activates the TV.

For this the TV must be prepared:
Activate the program site on which the station transmitting the coded program is stored.

Press button ⊖ ⑯.
On the display ⑪ a dot lights up next to the number of the program site.
Now press button **ME** ㉒.

If several stations transmit coded programs proceed like this for all program sites.





Video recorder operation via antenna jack

In order to operate a video recorder via the antenna jack, the TV set must be switched to the channel used by the video recorder.

Most **video recorders** emit on **channel 36.** This is indicated in the operating instructions of your video recorder.

Now you can adjust any program site you wish to the channel of the video recorder.

Use buttons – ⑳ or + ㉑ to choose the program site.

Use button **C/S** ⑮ to switch indicator **C/S** ⑩ to C.
Use buttons – ⑳ or + ㉑ to choose channel 36.
Press the **ME** button ㉒.

Now the video channel is stored on this program site.
When playing back a video tape, you should always switch to this program site.

Headphones connector

Headphones can be connected to jack Ω ㉔ (impedance 4 – 600 Ω).
They must be fitted with a stereo jack plug, 6.3 mm Ø.

Heaving connected the plug into the jack, the speakers of the TV set will be switched off immediately.

You can control the volume of the headphones.
On the set with button – ◿ + ⑭ or via remote control using the button – ◿ + ㊹ .

Videotext mode

Before proceeding with the operating instructions, we want to give you some information about videotext.

Videotext is an additional information that is broadcast by the TV stations along with your TV program.

The built-in videotext decoder of your set enables you to display this additional information on the screen.

Videotext is transmitted in the form of texts or graphic representations, or as subtitles to the TV program. The subtitles are intended to help people with a hearing handicap.

Videotext is transmitted page by page. The pages are numbered and may be selected by remote control.

In addition, this videotext decoder offers you the following features:

- It controls the time indication on the screen
- It controls the program indication on the screen.

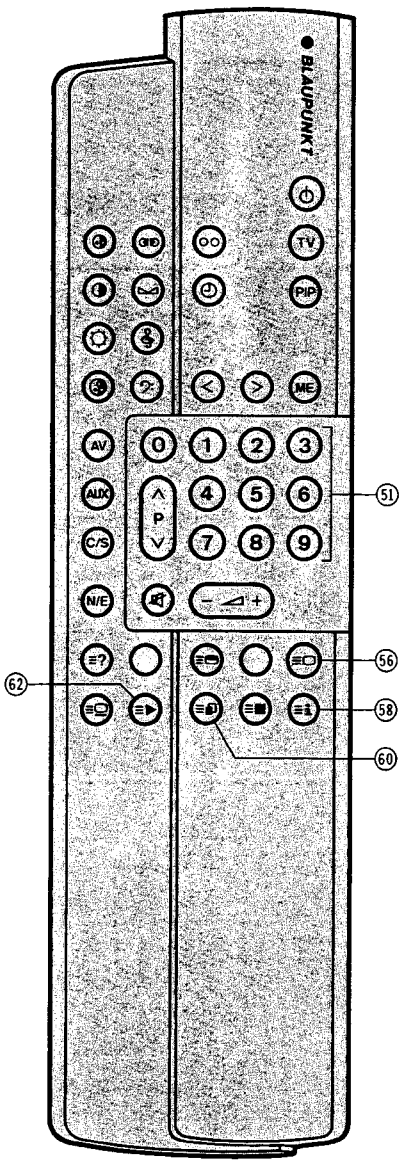
Important note

An inferior antenna is likely to result in poor videotext transmission, even though the television set is in perfect working order.

Quality risks to be inferior particularly if the picture is unstable or if there are ghost images.

In such a case you should try to improve quality by means of fine tuning.

If no improvement is possible, you should have your antenna system checked.



Switching to videotext mode

Press button ≡▭ (56).
If you want to see page 100 with the index, press button ≡ i (58).

Selecting the pages

Enter a page number by pressing the corresponding digital buttons (51).

This videotext decoder is capable of receiving all videotext pages up to 899.

The page number you selected is displayed in the upper left corner of the screen. One line below, to the right, you can see continuous numbers, indicating that the set is "searching" for the page in question.

The page is displayed on the screen as soon as it has been found.

The next following page number, higher by one, can be selected by means of button ≡ ▶ (62).

Any other following page number, which is higher by more than one, can be selected by means of the digital buttons (51).

Videotext pages with subpages

If a message cannot be displayed on one page only, the remaining text is shown on subpages.

These subpages appear automatically one after the other. The symbol ≫ appears in the lower right corner, and in the upper right corner you can see numbers like 01/04, 02/04, etc.

01/04, for example, means that you are looking at the first of four subpages.

If you wish to select precisely one subpage, press button ≡ (60).
–0000 appears on the screen.
Now you can enter the number of the subpage, using the digital buttons (51).

The subpage will appear as soon as it is transmitted by the station.
Use button ≡ ▶ (62) to switch to the following subpage.

In order to select pages without subpages, press button ≡ (60) once again.

TV in videotext mode

In videotext mode you can switch to the **TV picture** by pressing button ≡▭ ⑥① .
You can switch back to the videotext page by pressing button ≡▭ ⑥① again.
This is useful if you have selected a page which is constantly updated by the station, such as sports emissions. You can watch TV and whenever there is a new information, a notice will indicate this on the screen.
Then you must press button ≡▭ ⑥① to see the updated videotext page.
It is also useful if, after selection of any page you want to bridge the waiting time.
As soon as the page is found a notice will indicate this on the screen.
While waiting for a certain page to be selected you should also switch back to the TV picture. As soon as the page has been found "ABRUFBEREIT" (page can be recalled) is displayed on the screen.

Revealing answers

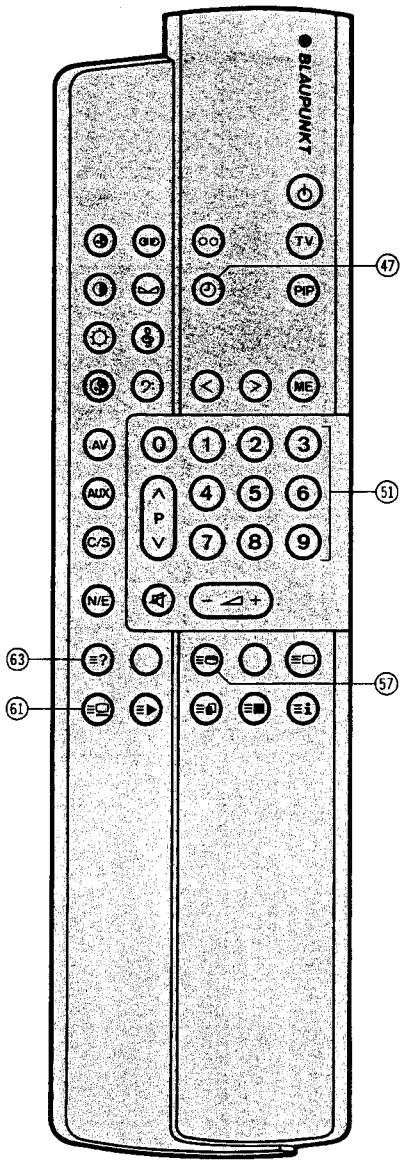
Quiz answers are **not** displayed when you select a quiz page unless you press button ≡ **?** ⑥③.
The answers disappear when you press button ≡ **?** ⑥③ again.

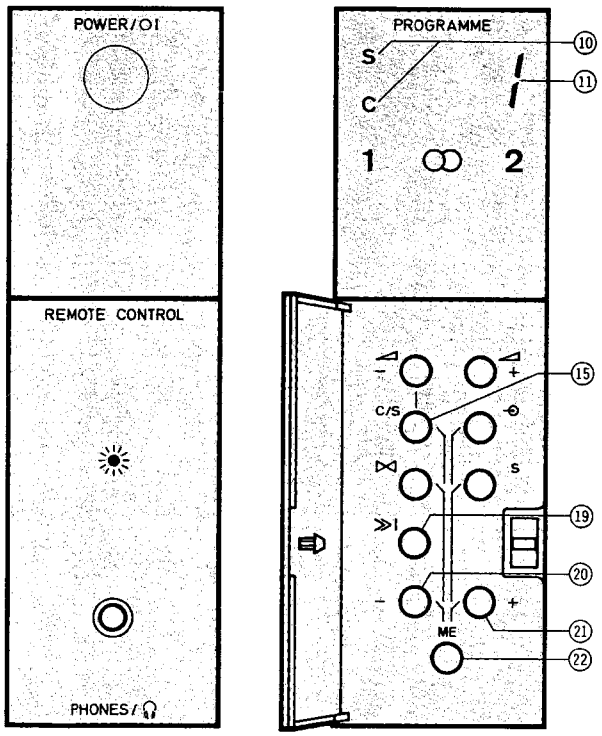
Double letter size

If you wish to **double the size of letters,** press button ≡▭ ⑤⑦.
You will first see the **upper** half of the page; when you press this button again, the **lower** half is displayed.
Letters are reduced to their **normal** size when you press button ≡▭ ⑤⑦ again.
In case of videotext tables with subtitles, the latters' size is also doubled when you press button ≡▭ ⑤⑦ .

Information displayed on the screen

Time
The videotext decoder makes it possible to have the **time displayed** on the screen, provided that the station received broadcasts videotext.
Press button ◴ ④⑦ – the time appears in the upper right corner of the screen. The time disappears when you press the button again.
It also disappears automatically when you switch to a different program.





Station names

Quite a lot of cable TV programs are already offered, and their number is constantly increasing.

It would certainly make things easier if, after you switched to a different program, the **name of the new station** was displayed on the screen.

This is just what the videotext decoder does.

Before this is possible, however, the logos of the station names have to be "entered" once.

The station names are entered in **TV mode.**

The program site must be displayed ⑪ instead of the channel.

If indicators **C** or **S** ⑩ light up, this means channel.
If this is the case, press button **C/S** ⑮ in order to switch the indicator off.

When you now press button ≫I ⑲ a black square appears in the upper right corner of the screen. There are four places available; above the first you see a question mark.

Press button + ㉑. A capital A appears.
If you press this button several times, the letters of the alphabet and the digits 0–9 advance.
If you press button – ⑳, the letters and digits run backwards.
Once you have found the correct letter or digit, move the question mark to the second place by pressing button ≫I ⑲. Press one of the buttons again until the correct character of this place is displayed.
Move the question mark to the next place by pressing button ≫I ⑲, and so on.

A "free space" is available between 9 and A. You can use this to enter a space in the station name, if required.

Having entered the whole station name, press button **ME** ㉒.
You should then switch to the next program site by pressing the corresponding digital buttons ⑤① of the remote control. Proceed as described above for the next entry, and all program sites.

If you now switch to a different program, the station name will be displayed on the screen.